

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002897.D
 Acq On : 31 Jul 2020 17:42
 Operator : CG/JU
 Sample : L3518-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-7

Quant Time: Jul 31 18:16:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	571474	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	2173584	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1247108	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2454155	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1770573	20.00	ng	0.00
86) Perylene-d12	23.46	264	1753128	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	3118192	83.51	ng	0.00
7) Phenol-d6	6.89	99	3407927	65.74	ng	0.00
23) Nitrobenzene-d5	8.86	82	3362819	83.80	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1596753	103.02	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	6754506	74.00	ng	0.00
79) Terphenyl-d14	19.68	244	8201288	92.73	ng	0.00

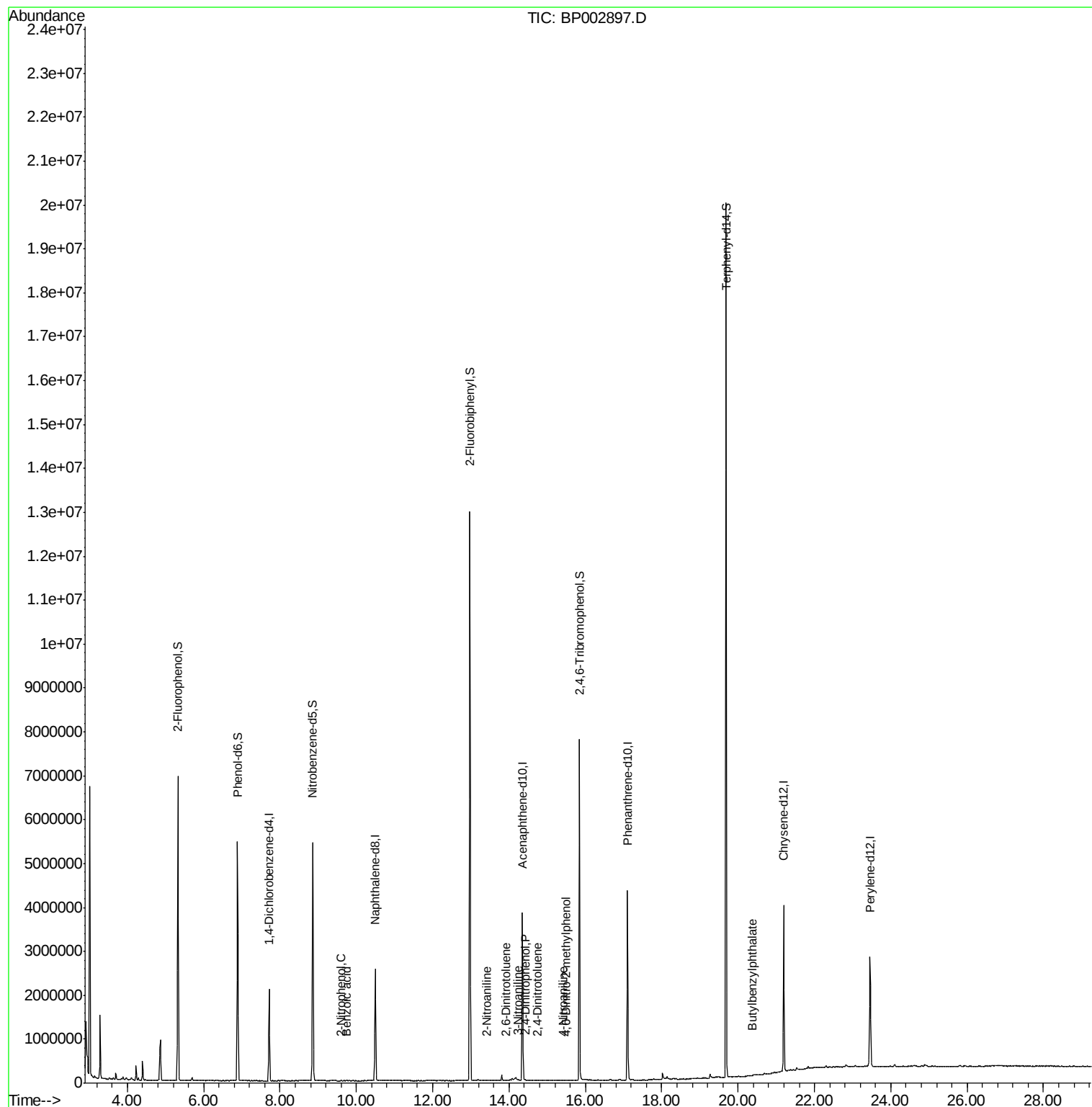
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.59	139	51	4.523	ng	# 1
32) Benzoic acid	9.74	122	3340	7.825	ng	# 86
48) 2-Nitroaniline	13.41	65	104	3.976	ng	# 56
51) 2,6-Dinitrotoluene	13.91	165	329	2.913	ng	# 40
53) 3-Nitroaniline	14.24	138	44	3.275	ng	# 53
54) 2,4-Dinitrophenol	14.44	184	94	8.066	ng	# 1
57) 2,4-Dinitrotoluene	14.73	165	238	3.813	ng	# 82
62) 4-Nitroaniline	15.42	138	210	2.425	ng	# 17
65) 4,6-Dinitro-2-methylphenol	15.50	198	33	6.902	ng	# 1
80) Butylbenzylphthalate	20.37	149	730	3.071	ng	# 39

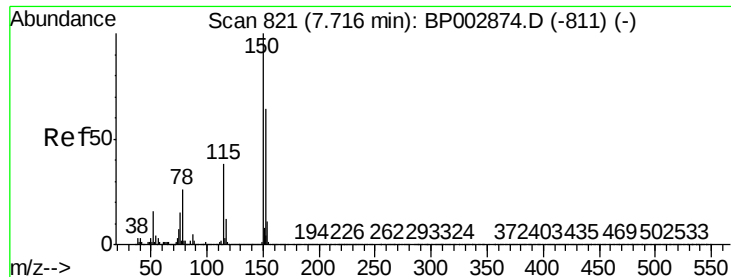
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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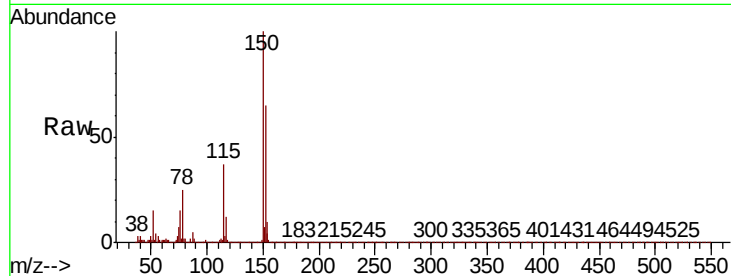


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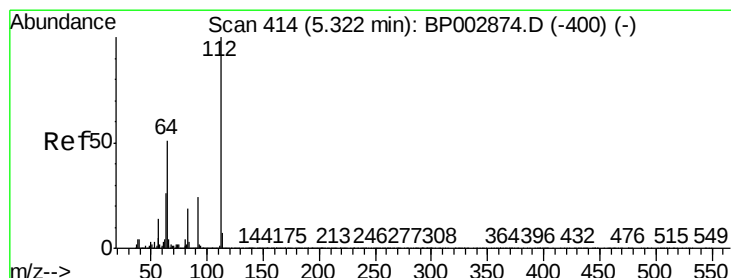
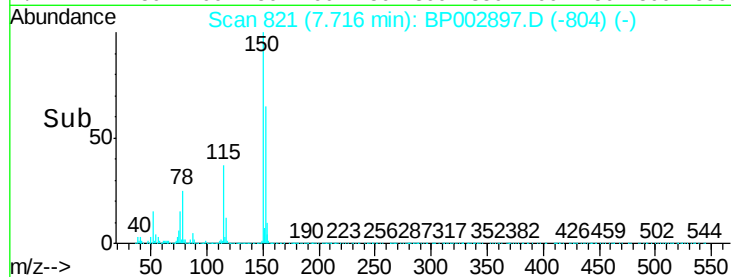
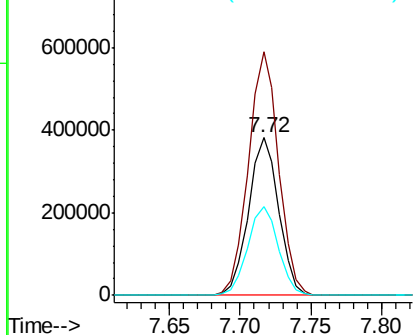
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

Instrument :
BNA_P
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.8	187.2
115	56.5	47.4	71.2



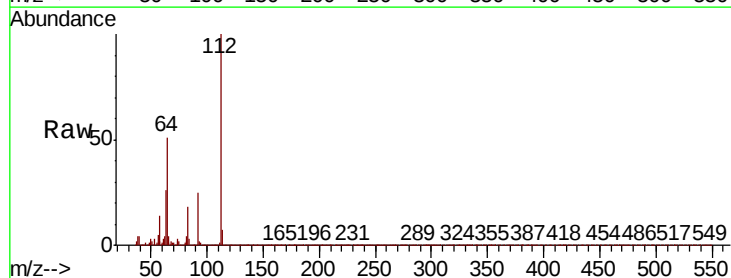
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



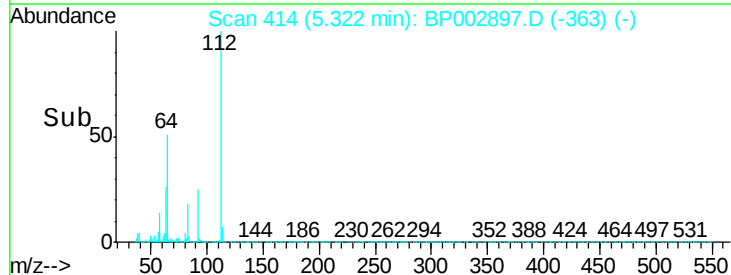
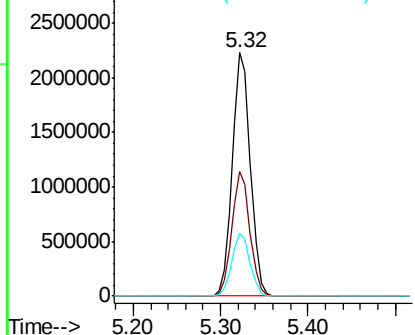
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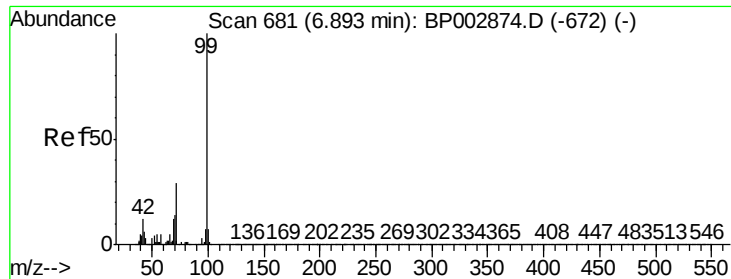
2-Fluorophenol
Concen: 83.510 ng
RT: 5.32 min Scan# 414
Delta R.T. 0.00 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	41.0	61.6
63	25.8	20.7	31.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 65.739 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002897.D

Acq: 31 Jul 2020 17:42

Instrument :

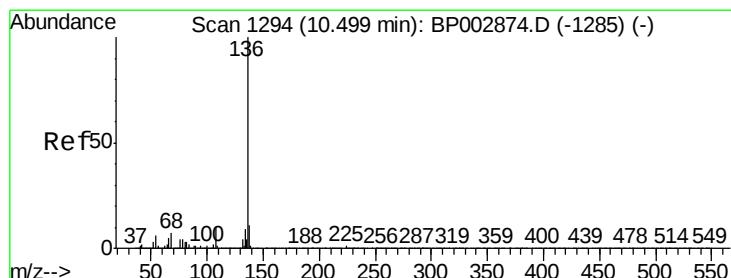
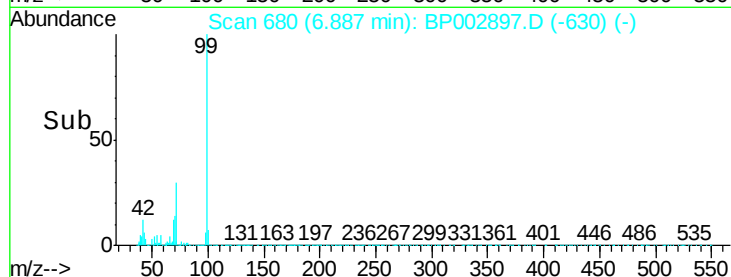
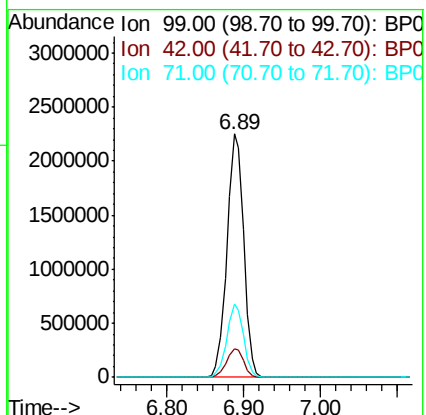
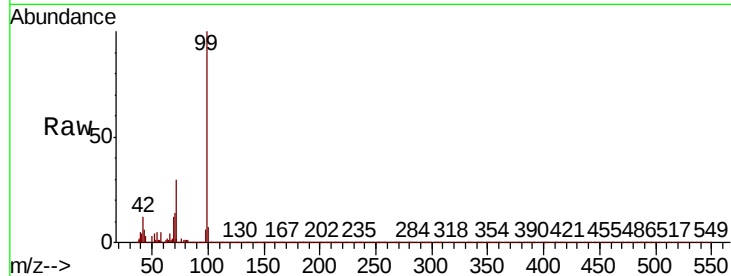
BNA_P

ClientSampleId :

TP-7

Tot Ion: 99 Resp: 3407927

Ion	Ratio	Lower	Upper
99	100		
42	11.9	9.3	13.9
71	29.9	23.5	35.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1294

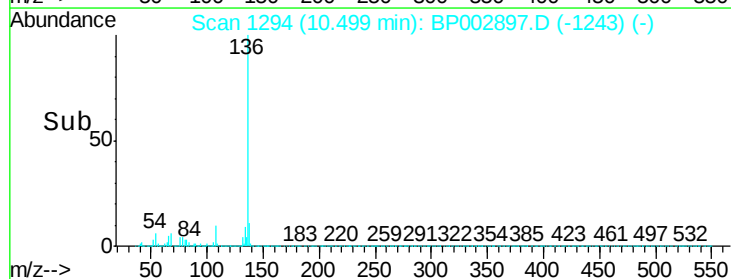
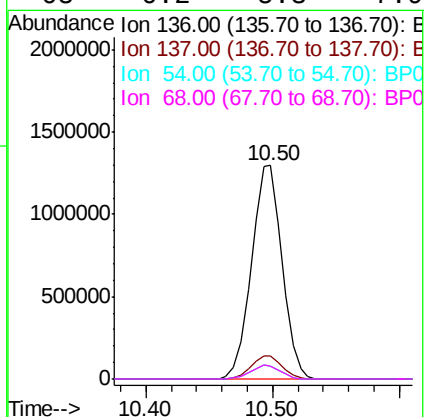
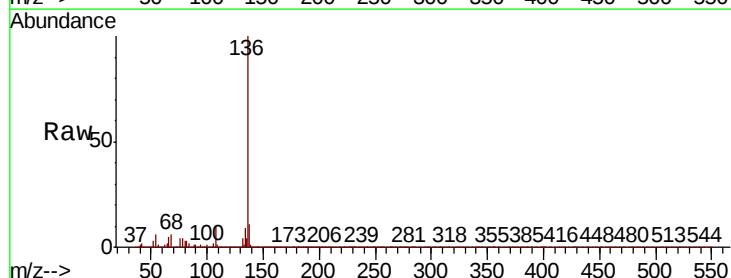
Delta R.T. 0.00 min

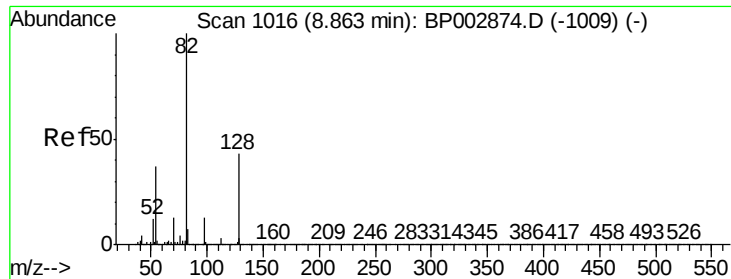
Lab File: BP002897.D

Acq: 31 Jul 2020 17:42

Tgt Ion: 136 Resp: 2173584

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.9	5.1	7.7
68	6.2	5.3	7.9

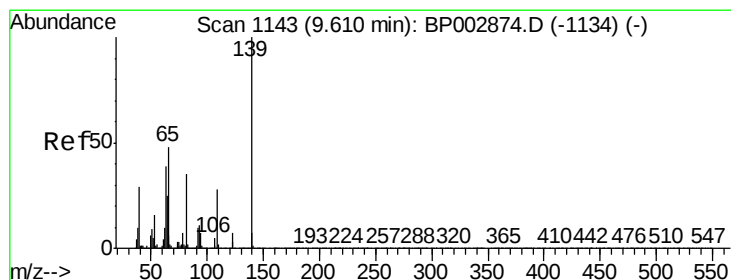
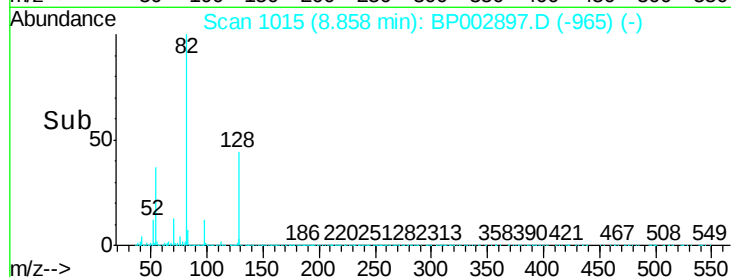
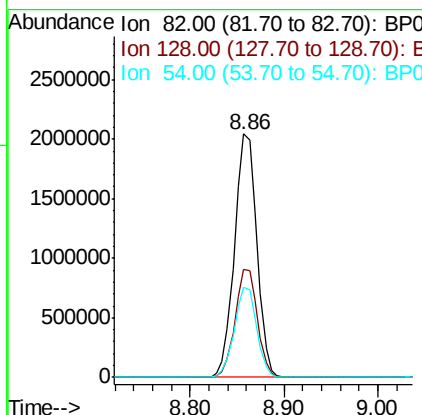
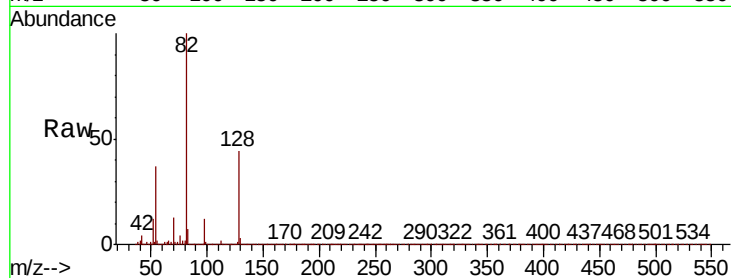




#23
 Nitrobenzene-d5
 Concen: 83.796 ng
 RT: 8.86 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BP002897.D
 Acq: 31 Jul 2020 17:42

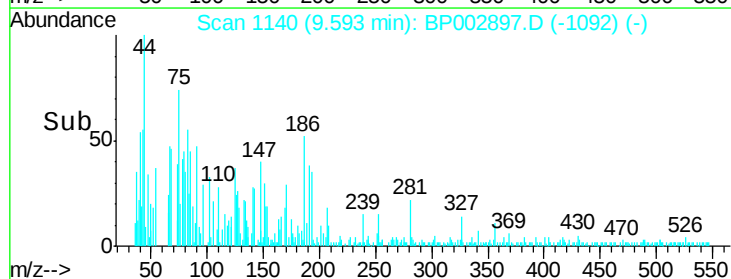
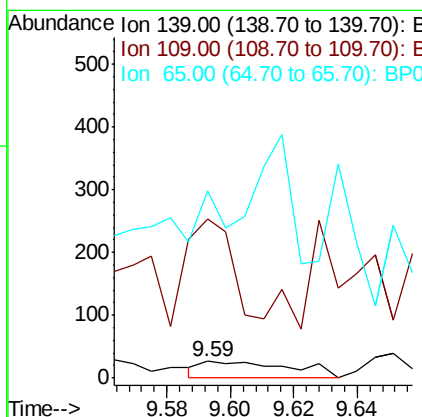
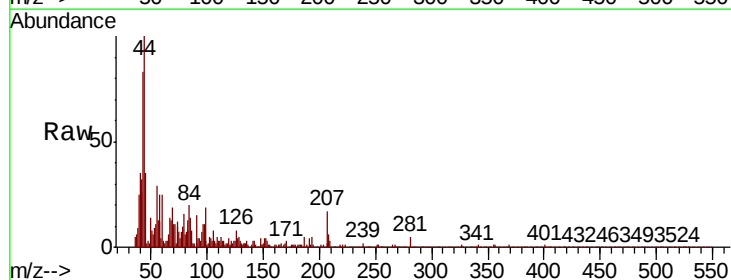
Instrument :
 BNA_P
 ClientSampled :
 TP-7

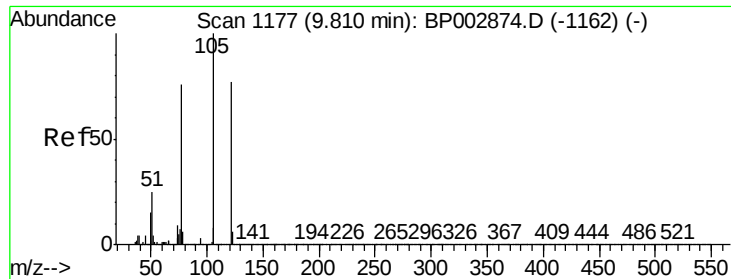
Tot Ion: 82 Resp: 3362819
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.6 52.0
 54 37.0 29.5 44.3



#26
 2-Nitrophenol
 Concen: 4.523 ng
 RT: 9.59 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BP002897.D
 Acq: 31 Jul 2020 17:42

Tgt Ion:139 Resp: 51
 Ion Ratio Lower Upper
 139 100
 109 973.1 22.2 33.2#
 65 1150.0 38.9 58.3#

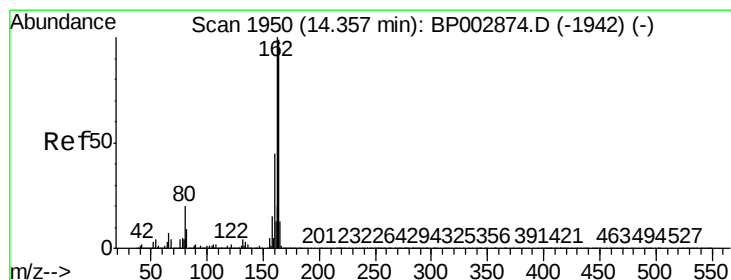
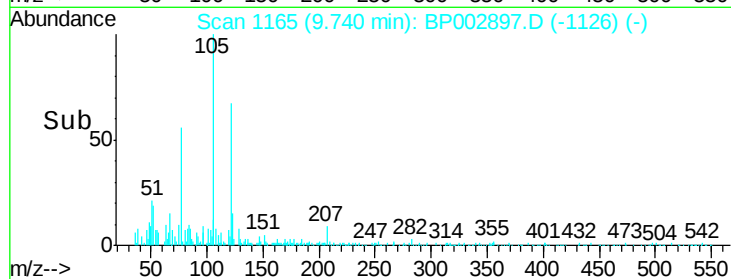
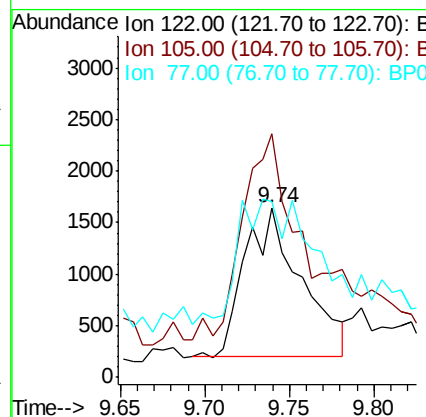
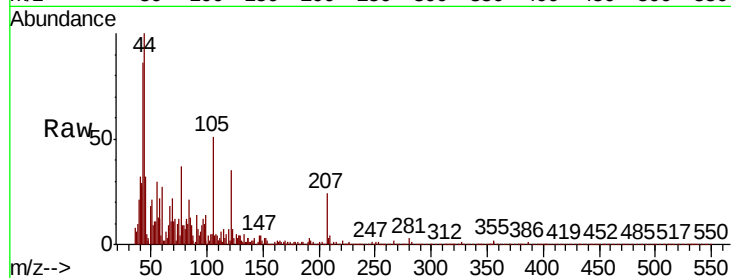




#32
Benzoic acid
Concen: 7.825 ng
RT: 9.74 min Scan# 1165
Delta R.T. -0.07 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

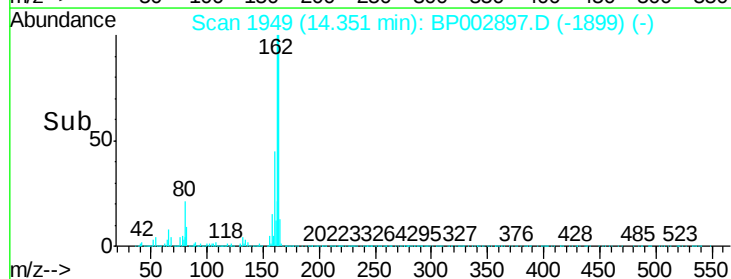
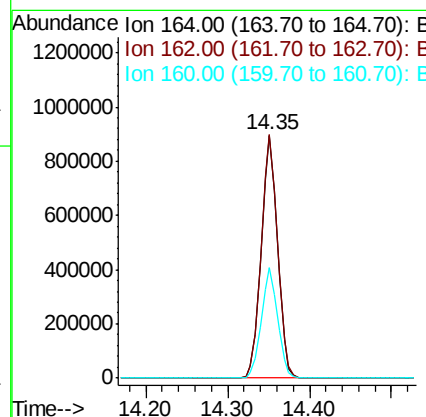
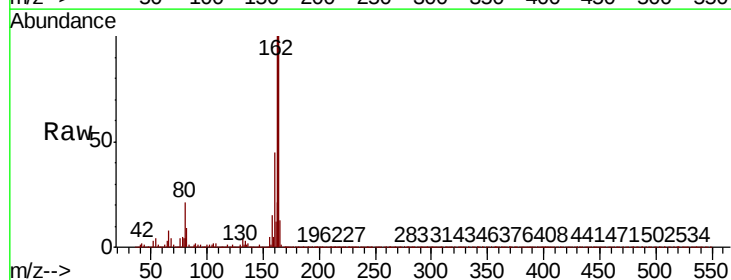
Instrument :
BNA_P
ClientSampleId :
TP-7

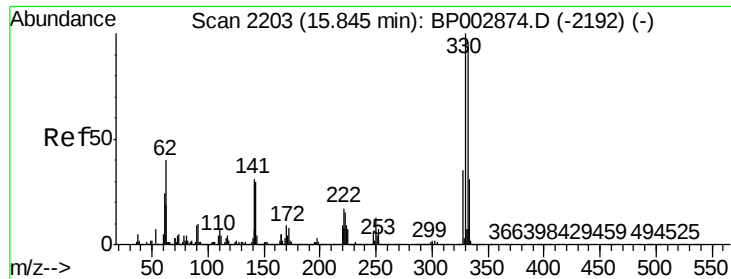
Tot Ion:122 Resp: 3340
Ion Ratio Lower Upper
122 100
105 143.4 103.4 143.4#
77 103.8 74.6 114.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

Tgt Ion:164 Resp: 1247108
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.6
160 45.6 36.2 54.4

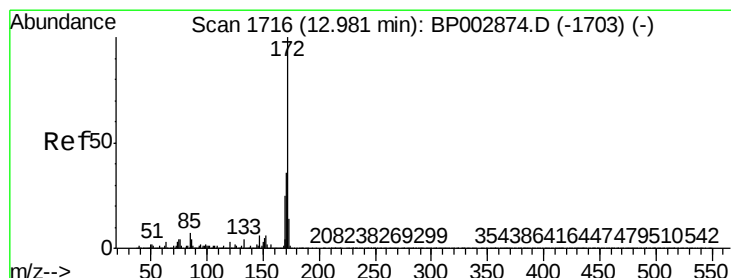
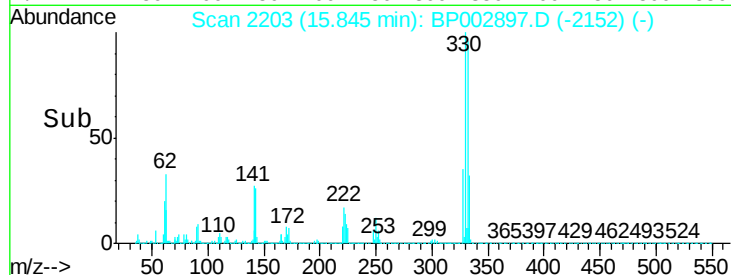
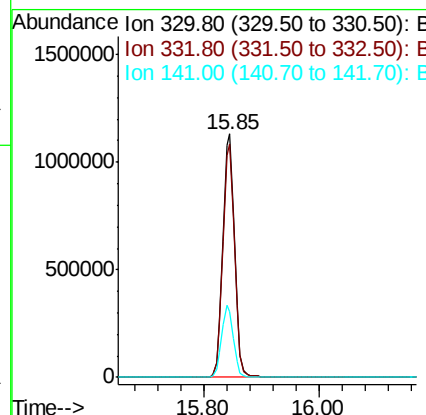
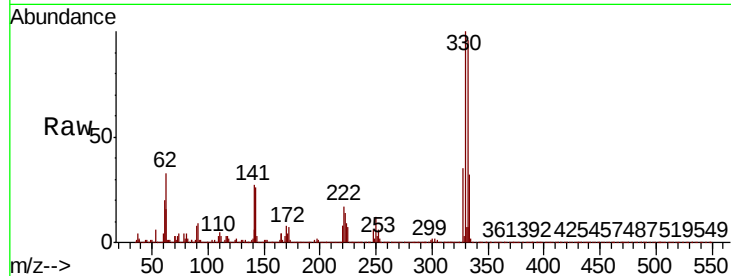




#42
 2,4,6-Tribromophenol
 Concen: 103.016 ng
 RT: 15.85 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BP002897.D
 Acq: 31 Jul 2020 17:42

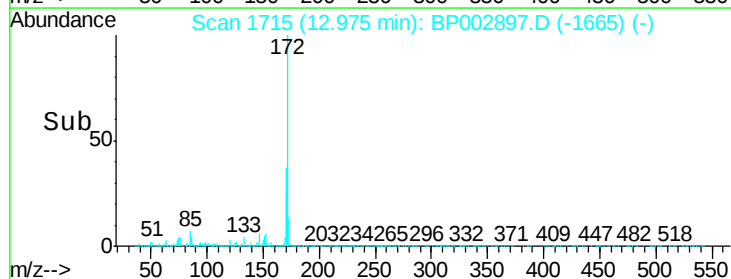
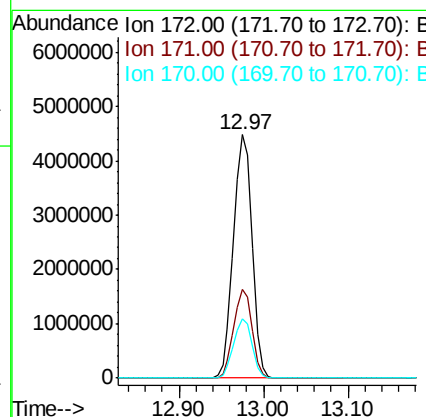
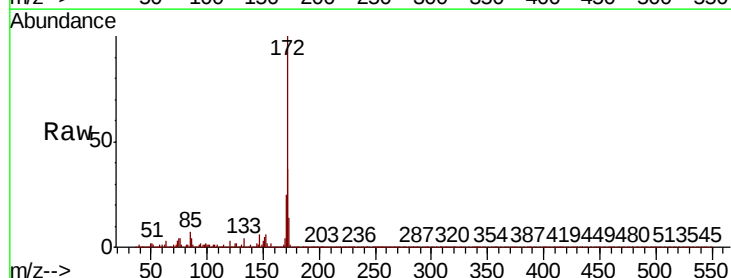
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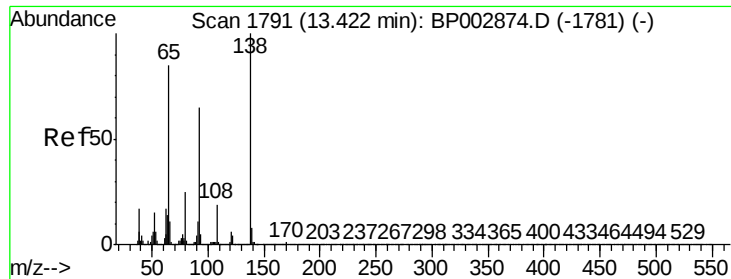
Tot Ion:330 Resp: 1596753
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 29.6 24.6 37.0



#45
 2-Fluorobiphenyl
 Concen: 74.001 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BP002897.D
 Acq: 31 Jul 2020 17:42

Tgt Ion:172 Resp: 6754506
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 24.6 19.6 29.4

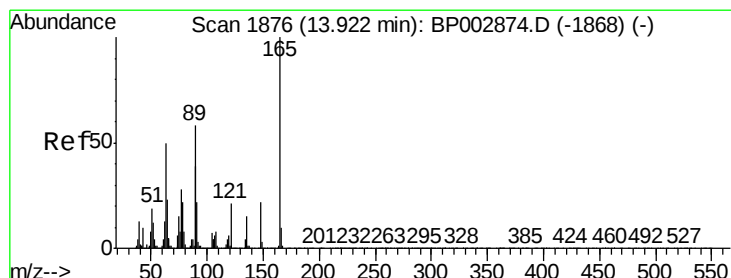
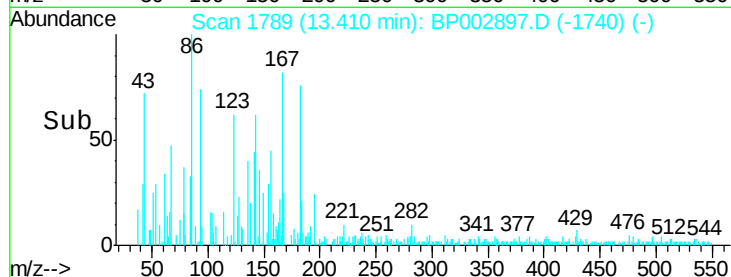
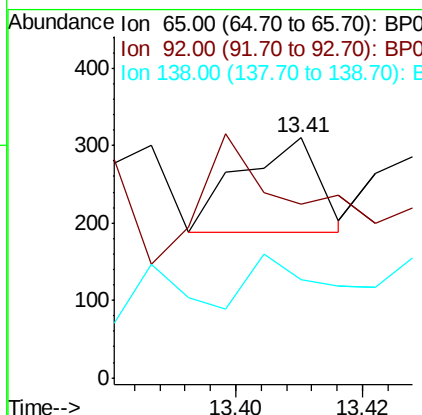
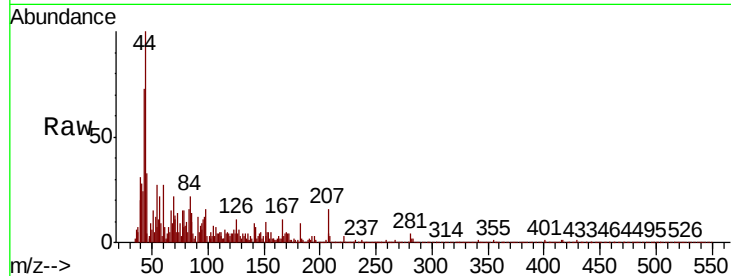




#48
2-Nitroaniline
Concen: 3.976 ng
RT: 13.41 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

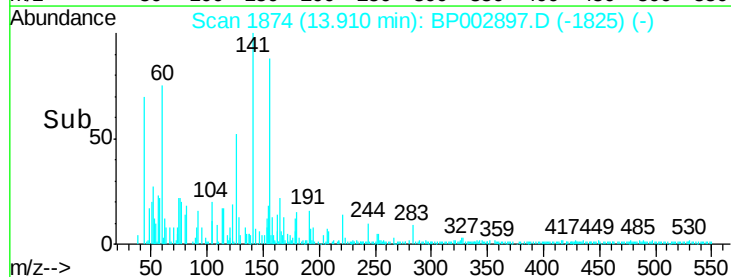
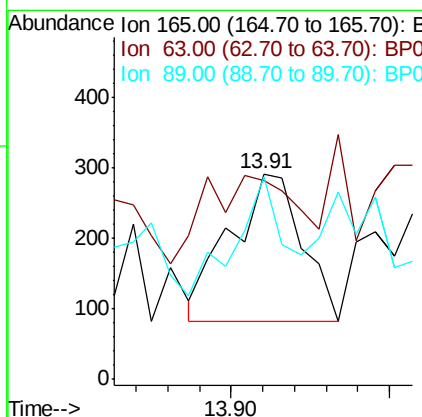
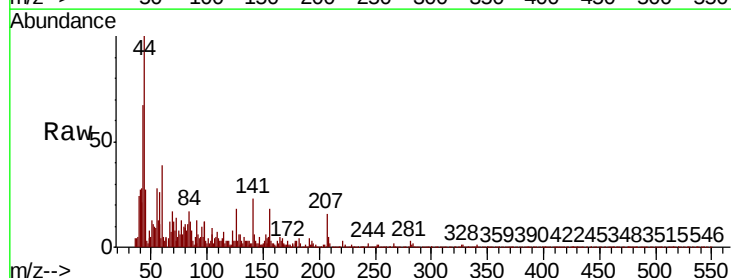
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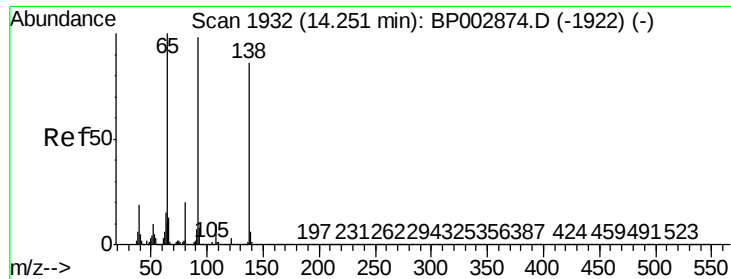
Tot Ion: 65 Resp: 104
Ion Ratio Lower Upper
65 100
92 72.6 61.4 92.0
138 41.0 94.2 141.4#



#51
2,6-Dinitrotoluene
Concen: 2.913 ng
RT: 13.91 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

Tgt Ion: 165 Resp: 329
Ion Ratio Lower Upper
165 100
63 96.9 40.3 60.5#
89 98.6 46.5 69.7#

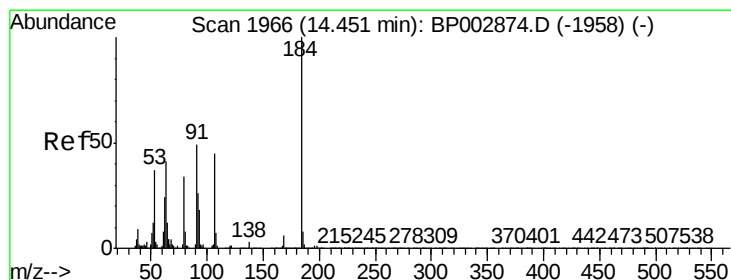
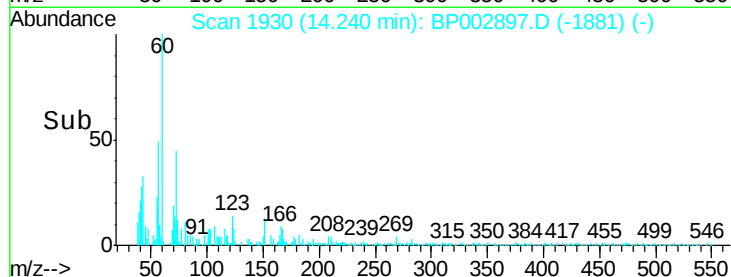
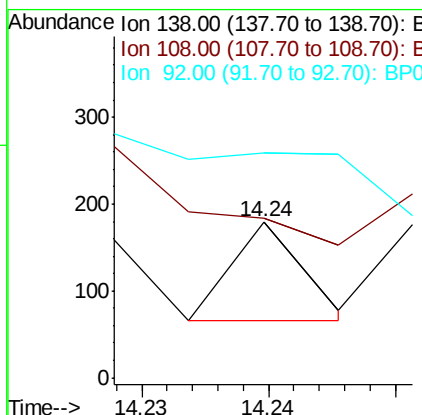
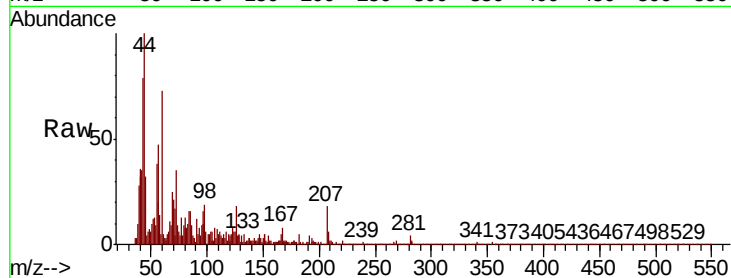




#53
3-Nitroaniline
Concen: 3.275 ng
RT: 14.24 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

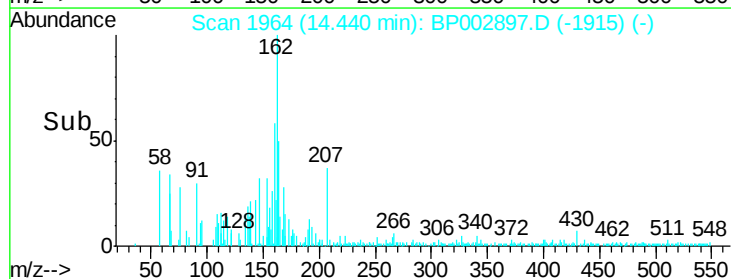
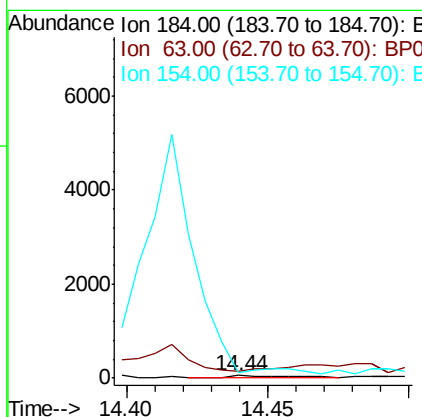
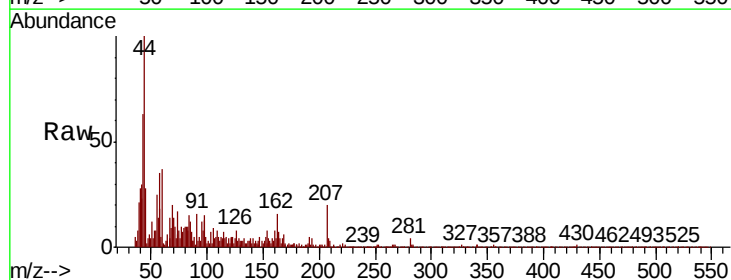
Instrument :
BNA_P
ClientSampled :
TP-7

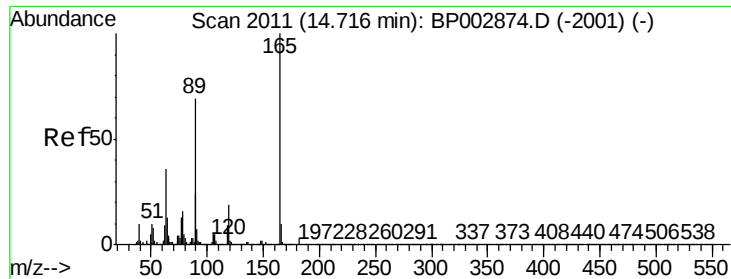
Tot Ion:138 Resp: 44
Ion Ratio Lower Upper
138 100
108 102.2 9.4 14.0#
92 143.9 91.0 136.6#



#54
2,4-Dinitrophenol
Concen: 8.066 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

Tgt Ion:184 Resp: 94
Ion Ratio Lower Upper
184 100
63 300.0 50.3 75.5#
154 231.4 50.6 76.0#

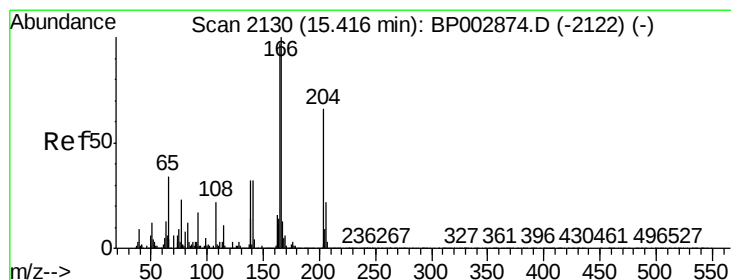
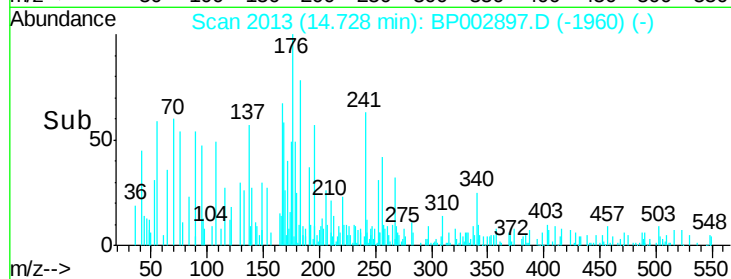
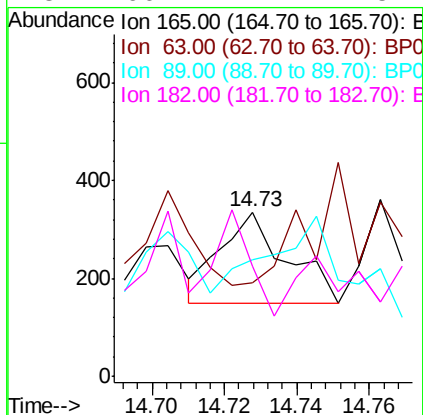
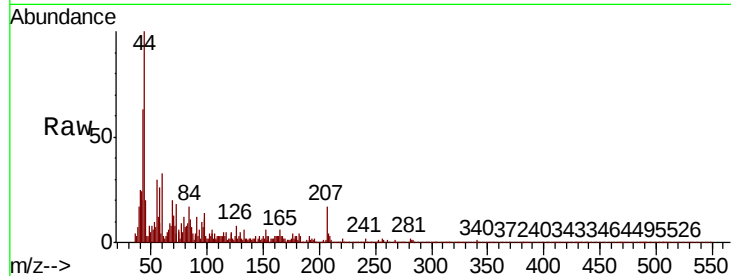




#57
2,4-Dinitrotoluene
Concen: 3.813 ng
RT: 14.73 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

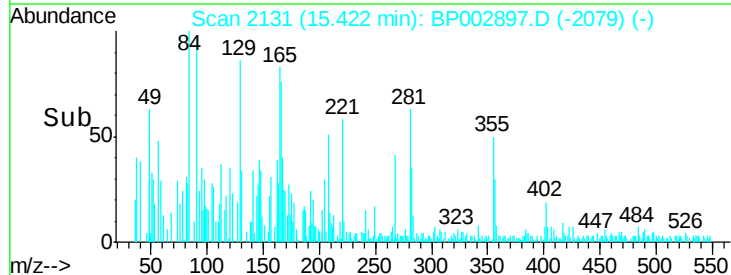
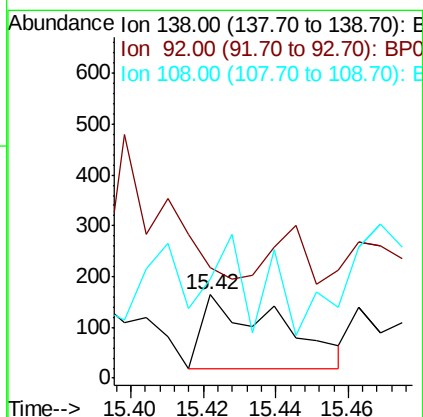
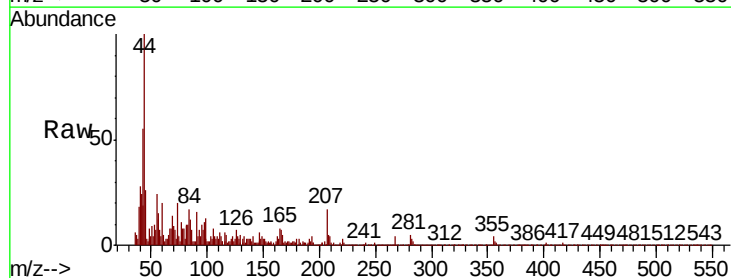
Instrument :
BNA_P
ClientSampled :
TP-7

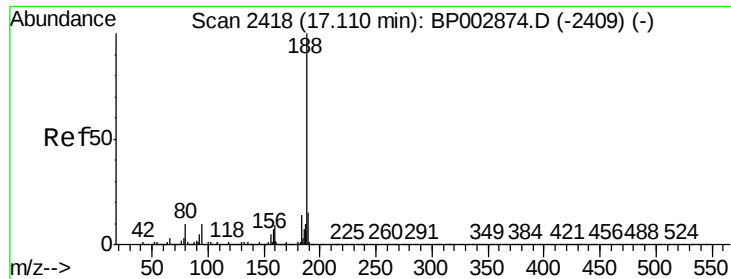
Tot Ion:165 Resp: 238
Ion Ratio Lower Upper
165 100
63 56.5 29.0 43.4#
89 70.8 55.5 83.3
182 66.7 2.2 3.4#



#62
4-Nitroaniline
Concen: 2.425 ng
RT: 15.42 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

Tgt Ion:138 Resp: 210
Ion Ratio Lower Upper
138 100
92 132.9 32.2 72.2#
108 118.3 50.0 90.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BP002897.D

Acq: 31 Jul 2020 17:42

Instrument :

BNA_P

ClientSampled :

TP-7

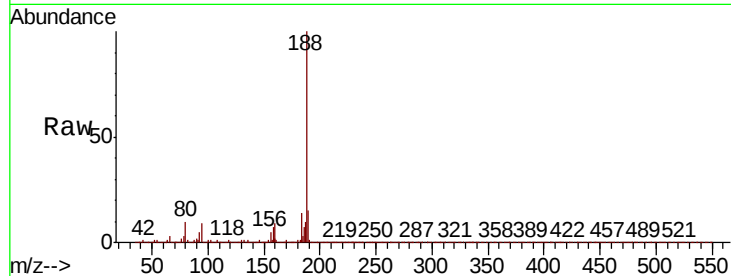
Tot Ion:188 Resp: 2454155

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.6

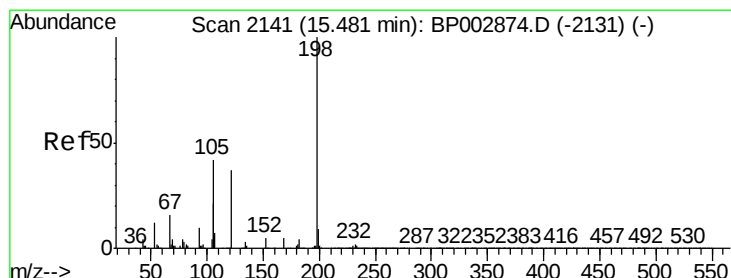
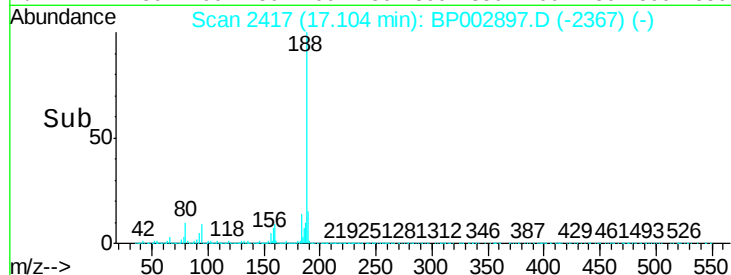
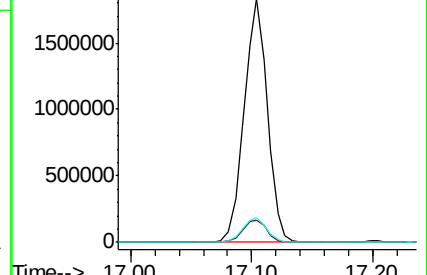
80 10.1 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.902 ng

RT: 15.50 min Scan# 2144

Delta R.T. 0.02 min

Lab File: BP002897.D

Acq: 31 Jul 2020 17:42

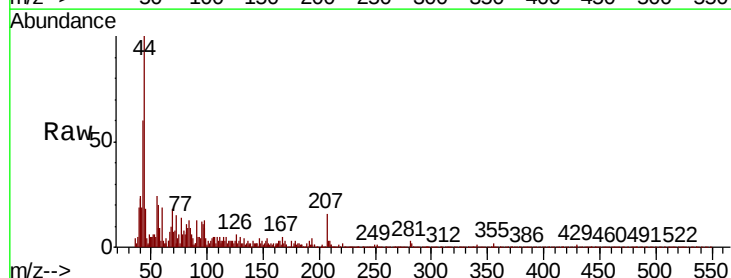
Tgt Ion:198 Resp: 33

Ion Ratio Lower Upper

198 100

51 2831.8 11.6 51.6#

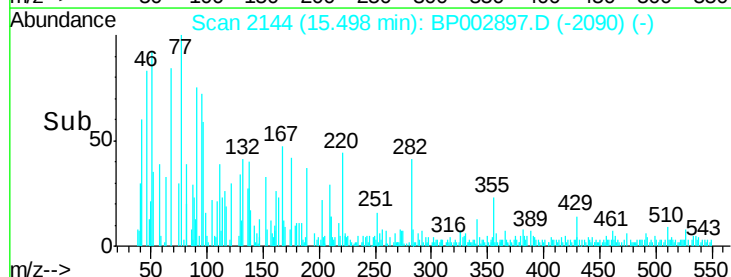
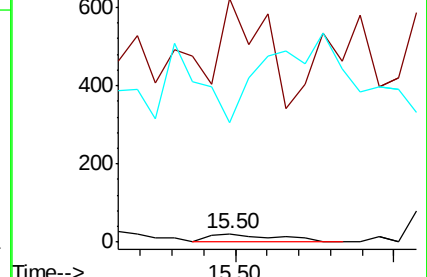
105 1390.9 23.8 63.8#

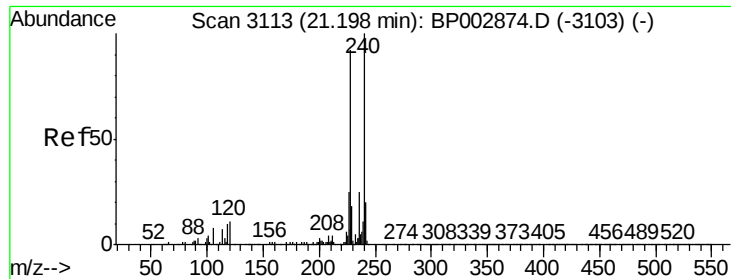


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

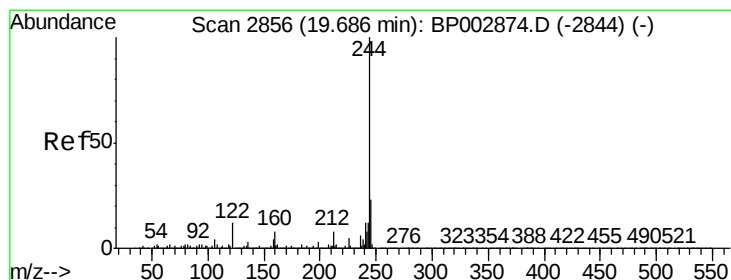
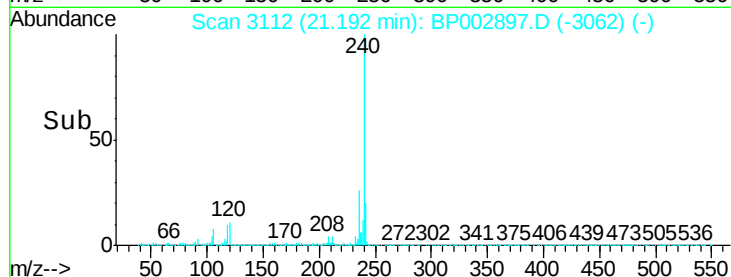
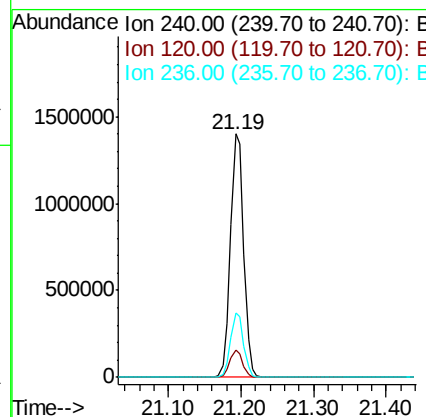
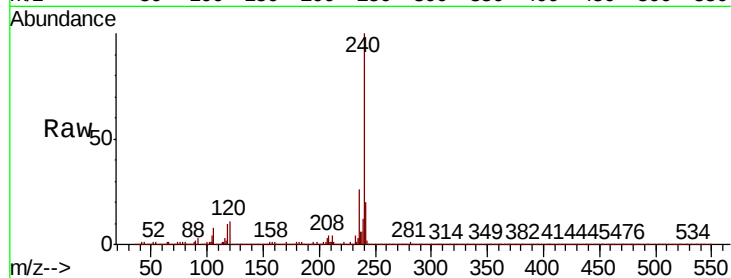




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

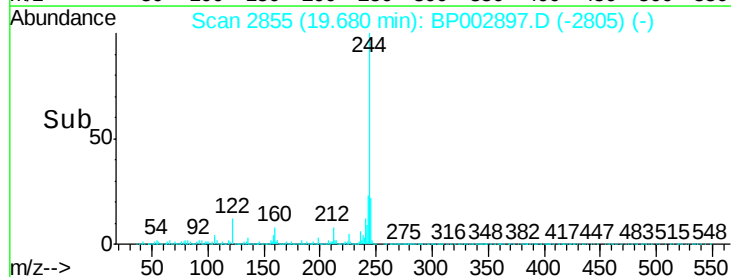
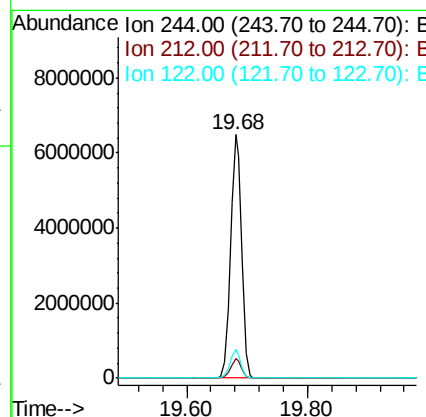
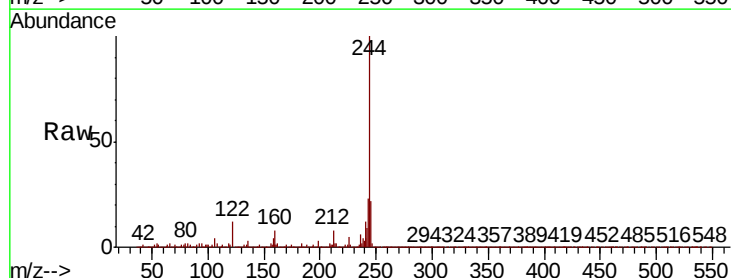
Instrument :
BNA_P
ClientSampleId :
TP-7

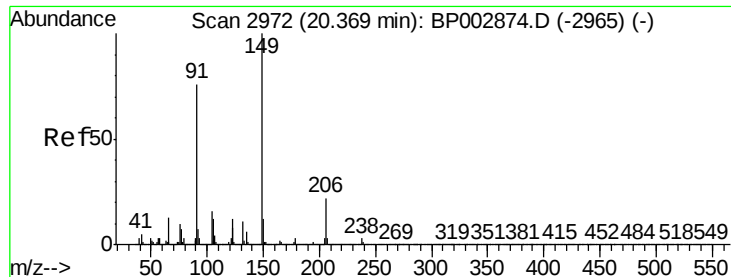
Tot Ion:240 Resp: 1770573
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.4 20.3 30.5



#79
Terphenyl-d14
Concen: 92.731 ng
RT: 19.68 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

Tgt Ion:244 Resp: 8201288
Ion Ratio Lower Upper
244 100
212 8.1 6.4 9.6
122 12.0 9.4 14.2

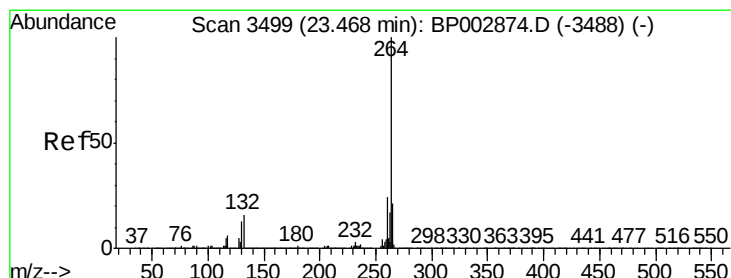
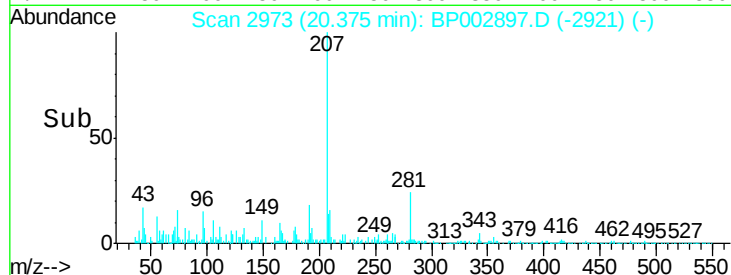
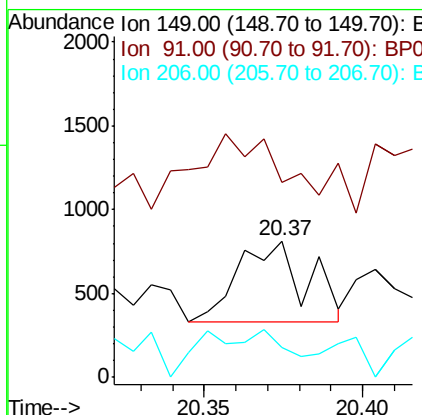
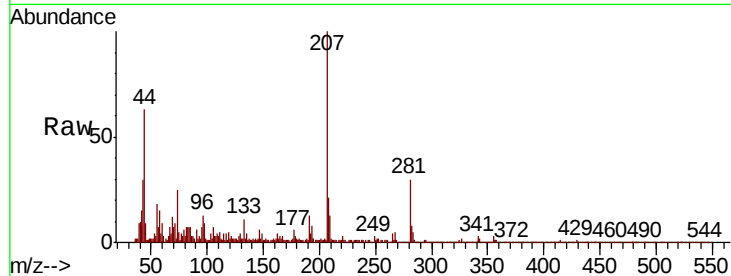




#80
Butylbenzylphthalate
Concen: 3.071 ng
RT: 20.37 min Scan# 2973
Delta R.T. 0.01 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

Instrument :
BNA_P
ClientSampled :
TP-7

Tot Ion:149 Resp: 730
Ion Ratio Lower Upper
149 100
91 142.9 60.5 90.7#
206 21.6 17.5 26.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BP002897.D
Acq: 31 Jul 2020 17:42

Tgt Ion:264 Resp: 1753128
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.4 17.0 25.4

